

HISTORIC AMERICAN ENGINEERING RECORD

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62-SAIPA,
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Index to Photographs

Smith Avenue High Bridge (High Bridge)
Spanning the Mississippi River at Smith Avenue
between Cherokee Avenue and Cliff Street
St. Paul
Ramsey County
Minnesota

HAER No. MN-5

NOTE: Photographs were taken by David R. Gonzalez, photographer, July and October 1984

MN-5-1	VIEW TO NORTHWEST, SHOWING RECONSTRUCTED SPAN NO. 1 ON LEFT
MN-5-2	VIEW TO SOUTH, SHOWING RIVER BENT NO. 21 IN FOREGROUND
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MN-5-19 VIEW TO EAST, SHOWING DETAILS OF BOLSTER AT BASE OF PIER NO. 26

MN-5-20 VIEW TO NORTH, SHOWING UPPER PORTION OF EAST PIER BOLSTER AT
PIER NO. 26

MN-5-21 DETAIL OF TURNBUCKLES, SPAN NO. 25

MN-5-22 DETAIL OF RAILING, PIER NO. 20

The following are photocopies of original plans, courtesy of the city of
St. Paul, Bridge Department.

MN-5-23 LOCATION MAP (1887)*

MN-5-24 GENERAL DESIGN FOR THE HIGH BRIDGE (LEFT SIDE OF PLAN) (1887)

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MN-5-28 DETAILS OF 60' PLATE GIRDERS AND SPAN NOS. 28-29 (1888)

MN-5-29 DETAIL OF SPAN NOS. 26-28; TWO 60' SPANS AND 170' SPAN (1886)

MN-5-30 DETAILS FOR SPAN NOS. 24-26 (1888)

MN-5-31 GENERAL DETAILS OF SPAN NOS. 19-21 (1888)

MN-5-32 GENERAL DETAILS FOR 170' SPANS (ca. 1888)

MN-5-33 DETAILS OF 170' SPANS (1888)

* The original plans will be donated to the Minnesota Historical
Society-Division of Archives and Manuscripts, St. Paul, upon the
completion of the replacement bridge in 1987.

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- MN-5-62 DETAILS OF ROCKER PLATES FOR 80' AND 90' LATTICE SPANS (1888)
- MN-5-63 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1958. #31008. Photographer: St. Paul Dispatch-Pioneer Press.)
AERIAL VIEW OF HIGH BRIDGE, LOOKING SOUTHWEST, 1958
- MN-5-64 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul Minnesota, ca. 1891. #35805. Photographer: Haynes and Bros., St. Paul.)
VIEW TO SOUTH, SHOWING FOUR PERCENT GRADE OF HIGH BRIDGE, ca. 1981
- MN-5-65 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1889. #37682.)
5x7" Neg. VIEW TO NORTH, SHOWING SPAN NOS. 6-24, 1889
- MN-5-66 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, ca. 1925. #19657.)
VIEW TO NORTHWEST, SHOWING SPAN NOS. 21 TO 26
- MN-5-67 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul Minnesota, ca. 1925. #35109. Photographer: St. Paul Daily News.)
VIEW TO NORTHEAST, SHOWING SPAN NOS. 9-19, ca. 1925
- MN-5-68 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1924. #35108. Photographer: St. Paul Daily News.)
VIEW TO EAST, SHOWING SPAN NOS. 10-20, 1924
- MN-5-69 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1904. #32375.)
VIEW TO WEST, SHOWING DAMAGED BRIDGE AFTER CYCLONE. 1904.

- MN-5-70 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1904. #18613g. Photographer: Albert Munson)
VIEW TO WEST, SHOWING FALSEWORK USED IN RECONSTRUCTING THE HIGH BRIDGE, 1904.
- MN-5-71 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, ca. 1905. #30454.)
VIEW TO NORTHWEST, POSSIBLY AFTER THE REOPENING OF THE BRIDGE IN MAY 1905
- MN-5-72 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, June 25, 1958. #31024. Photographer: St. Paul Dispatch-Pioneer Press.
VIEW TO SOUTH, SHOWING THE RESURFACING OF THE BRIDGE IN 1958
- MN-5-73 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1867. #MR2.9 SP4.2/r11.)
FIRST WABASHA STREET BRIDGE, 1867
- MN-5-74 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1896. #35105.)
FIRST ROBERT STREET BRIDGE, ca. 1896
- MN-5-75 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, ca. 1870s. #22006. Photographer: Illingworth.)
VIEW TO SOUTHEAST, SHOWING THE UPPER LEVEE AND BLUSS (on left) TO WHICH THE HIGH BRIDGE WAS BUILT
- MN-5-76 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1860. #22358.)
UPPER LEVEE FROM CHESTNUT STREET, 1860
- MN-5-77 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, 1859. #377. Photographer: Illingworth.)
LOWER LEVEE FROM JACKSON STREET, 1859
- MN-5-78 Photocopy of photograph (original plate in Picturesque St. Paul, Pl. XVII, in the Minnesota Historical Society, 1888. #20783.)
IRVINE PARK, 1888
- MN-5-79 Photocopy of photograph (original print in the Minnesota Historical Society, St. Paul, Minnesota, ca. 1890, #741.)
ALEXANDER RAMSEY HOUSE, ca. 1890

*Please note: photos HAER MN-5-63 through -79 are from 4" x 5" negatives.

MN-5-65 HAS 5 x 7" NEG.